# INDEX TO VOLUME III

(An asterisk [\*] after a page number indicates that the reference is an abstract and not an original article.)

Abbott, Maude E., and Hamilton, W. F., 381, 574

Accidents and heart disease, courts'

point of view, 532 insurance company's point of view, 525

effect of, on cardiac employees, 539 Allan, George A., 504\*

Alternation of heart, changes in conduction, 620\*

Anaphylaxis and allergy, effect of antirheumatic drugs on arthritis and immune body production in serum disease, 741\*

Anemia, circulatory adjustment in, 739\* Aneurysm of aorta; complicating hyper-

tension, 489 dilatation of left auricle, 742\* of left ventricle, 346

Angina pectoris, 247\*

and hyperthyroidism, 672 electrocardiographic changes during attack, 498\*

in a child, 495 in young people, 1

on the pathogenesis and surgical treatment of, 747\*

surgical treatment, 126,\* 649 Angine abdominale, 247\*

Aorta, coarctation of, 381, 574, 625\* dilatation of, diagnosis, 243\*

roentgenographic study of, 503\* stenosis of, cardiodynamic changes in the aorta and left ventricle due to. 739\*

Aortic valve, pulsating spleen in insufficiency of, 447

Aortitis, acute suppurative superimposed on, 375\*

suppurative, superimposed on syphilitic aortitis, 375\* syphilitic, involvement of aortic valve,

374\* coronary, anatomical studies, Artery,

260 sclerosis of, 502\* pulmonary anomalies of, 372\*

B

Baum, Felix, and Simon, S., 499\* Bedford, D. Evan, 127 and Parkinson, J., 372\*

Blackford, L. Minor, 625\*

Blalock, Alfred, and Harrison, T. R., 117\*, 118\*

Blood, carbon dioxide combining capacity, 114\*

Blood flow, velocity of, 111\*, 376\*, 622\*, 624\*

pressure, adjustment of, during prolonged standing, 119\*

effect of, on pulmonary circulation, 117\*

influence of physical training on, 120\*

mechanism of respiratory waves in,

systolic, in cardiac decompensation, 356

volume, determination of by carbon monoxide, 741\*

Blumgart, Herrmann L., and Weiss, S.

111\*, 376\*, 622\*, 624\*

Boas, Ernest P., and Nemet, G., 360
de Boer, S., 122\*

Bolliger, Adolph, Hartman, Doub, F. P., and Smith, F. J., 124\*

Borman, Milton C., and McMillan, T. A., 208

Bourne, Geoffrey, 51

Bradbury, Samuel, and Eggleston, C., 105

Bradycardia, post-influenzal, 244\* Bramwell, J. Crighton, and Duguid, J.

B., 742

Brown, George E., and Ghrist, D. G., 498\*

Brown, Margaret, 91

Bungartz, Thekla, and Dressen, Hans,

Bunin, C. F., and Kohan, B. A., 746\* Burrage, Walter S., and White, P. D., 246\*

C

Calcification, arterial, in diabetics, 377 Compagna, M., and Hauser, G. H., 744\* Campbell, J. M. H., and Sale, P. J., 115\*

Capillary, in heart disease, with regular rhythm, 114\*

pulse in aortic insufficiency, 113\* Carbon monoxide, determination of, cir-culating blood volume with, 741\*

poisoning, electrocardiographic changes in, 484

Carter, Edward P., and Faulkner, J. M., 620\*

Sheo-Nan, Katz, L. N., and Ralli, E. P., 739\* Circulation in prostatic surgery, 245\* coronary, 112\* effect of cardiac irregularity on, 619\*, rate of, effect of digitalis on, 504\* Clark, J. H., 245\* Clark-Kennedy, A. E., and Owen, Trevor, 115\* Clark, W. Irving, 539 Clarke, R. D., Coombs, C. F., Hadfield, G., and Todd, A. T., 372\*
Clarke, Robert W., Schneider, E. C., and Ring, G. C., 120\* Clinics, chest, 287 Cohn, Alfred E., and Gilchrist, A. Rae, Colvin, L. T., 484 Complex, ventricular, aberrant as an aid in diagnosis, 712 Coombs, C. F., Clarke, R. D., Hadfield, G., and Todd, A. T., 372\* Cooper, George, and Saphir, O., 375\* Covey, George W., Crook, R., and Rogers, F. L., 622\* Crawford, J. Hamilton, 196, 319 and Rosenberger, H., 113\* Stewart, H. J., and Gilchrist, A. R., 619\*, 620\* Crook, R. Covey, G. W., and Rogers,

F. L., 622\*

Daley, J. F. Halls, 243\* Danielopolu, D., 247\* Davison, Hal M., and Thoroughman, J. C., 746\* Delhaye, A., and de Groodt, A., 244\* Derick, Clifford L., Hitchcock, C. H., and Swift, H. F., 621\* 741\* Digitalis, effect on circulation rate in pathologic states, 504\* heart block in rheumatic fever after, 196 in heart failure with normal rhythm, 372\* in pneumonia, 246\* therapeutic uses, 499\* Dilatation of heart, left auriele, 127 Diphtheria, circulatory collapse in, 502\* heart after, 190 Dock, William, 619\* Donahue, Frank J., 532 Doul, F. P., Hartman, F. W., Bolliger, A., and Smith, F. J., 124\* Dresser, Hans, and Bungartz, Thekla, 744\*

Drugs, antirheumatic, effects of, on the arthritis and immune body reaction in serum disease, 741\* barium chloride in ventricular stand still, 328 ephedrin, effects on heart block, 567 Drugs-Cont'd sodium salicylate, effects on human electrocardiogram, 180 Duguid, J. B., and Bramwell, J. Crigh-

ton, 742\* Eckerson, Lowell B., Roberts, G. H., and Howard, Tasker, 748\* Edmunds, C. W., and Johnston, B. S., 502\* Edwards, Dalton J., and Gold, H., 45 Eggleston, C., and Bradbury, Samuel, 105 Electrocardiogram, clinical and pathological data in cases exhibiting T-wave negativity, 742\* changes in pneumothorax, 472 changes in carbon monoxide poisoning, 484 during attack of angina pectoris. 498\* effects of sodium salicylate, 180 importance of in children, 744\* in pulmonary tuberculosis, 499\* low voltage, occurrence and significance of, 245\* relation of T-wave to asyndromism between ends of right and left ventricular ejection, 121\* rhythmic alteration of ventricular complexes in paroxysmal ventricular tachycardia, 454 Endocarditis, subacute infective, in congenital heart disease, 244\* in childhood, 745\* Exercise, changes in blood following, effects of respiratory exchange, 115\* influence of basal respiratory exchange, pulse rate and arterial blood pressure, 120\* limitation of, in cardiac failure, 116\* Eyster, J. A. E., 125\*, 740\* and Middleton, W. S., 375\*

Fahr, George, 14, 741\* Faulkner, James M., and Carter, E. P., 620\* Feil, Harold, and Siegel, M. L., 498\* Fibrillation, auricular, treatment with quinidin sulphate, 622\* Flutter, auricular, with paroxysmal at-tacks of 1:1 response of the ventricles, 734 course and treatment, 372\* Fontaine, Rene, and Leriche, R., 126, 649

Frey, D., and Lukin, D., 378\* Fried, Jacob, 498\* Fuller, Andrew B., 734

G

Gager, Leslie T., 489

Galvanometer, a note on the cleaning of electrocardiographic strings, 733

Ghrist, David G., and Brown, G. E., 498\*

Gilchrist, A. Rae, and Cohn, A. E., 146 Gilchrist, A. Rae, Stewart, H. J., and Crawford, J. H., 619\*, 620\* Gold, Harry, and Edwards, Dayton J.,

45

Golden, Ross, and Levy, R. L., 503\* Goodpasture, Ernest W., and House, S. J., 682

Graef, Irving, and Hiller, R. I., 271 Griffith, J. P. Crozer, 376\*

de Groodt, A., and Delhaye, A., 244\* Gross, Louis, Ritter, S. A., and Kugel, M. A., 433

Hadfield, G., Clarke, R. D., Coombs, C. F., and Todd, A. T., 372\*
Hamburger, Walter W., and Lev, M.

W., 672 Hamilton, W. F., and Abbott, M. E., 381, 574

Hansen, Olga S., 712 Harris, L., 746\* Harrison, T. R., and Blalock, A., 117\*, 118\*

George A. Jr., and Chang, H. C., 741\*

Hart, T. Stewart, 430 Hartman, F. W., Bolliger, A., Doub, F. P., and Smith, F. J., 124\* Hatcher, Robert A., and Weiss, S., Hatcher, Ro

Hay, John, Jones, H. W., and Ince, Phoebe, 372\*

Heart, after diphtheria, 190 diastolic capacity of chambers, 502\*

distention of, effect of pericardium, 112\* effects of ouabain in the presence of

hypercalcemia, 45 in hyperthyroidism, 672\*

in infections, 629 in myxedema, 14

mechanical efficiency of, 114\*

metastases from malignant tumors, 219

syphilis of, 746\*

Heart block, bundle branch, 422 a study of recognition and physical signs, 505

complete, varying ventricular complexes, 146 reaction to drugs, 560

treated with ephedrin, 567 in acute rheumatic fever after diphtheria, 196

treatment with barium chloride, 328

Heart classes, vocational training in,

Heart disease, changes in blood following exercise, 114\*, 115\* congenital, vegetative endocarditis

of valves, 244\*

accidents from insurance company's point of view, 525

from court's point of view, 532 congenital, interventricular septal defects, 77

drug treatment of, 124\* in Negro race, study of, 746\* incidence in New England, 302 the South, 373\*

rheumatic course of, 139

effects of roentgen irradiation, 503\*

prevention in children, 243\* what you should know about, 628\*

Heart failure, action of digitalis, 372\* limitation of muscular effort in, 116

systolic blood pressure in, 356 venous pressure as a guide to venesection in, 375\*

venous pressure in, 125\*

Heart irregularity, 243\*, 627 muscle, conduction so-called Heart supranormal. recovery phase of, 706

experimental myocarditis, 279 Heart pain, in rheumatic fever, 621\* Heart physiology, premature beats, 51, 118\*

accumulated and isolated, 122\* circulatory minute volume in reclining, sitting and standing positions, 120\*

effect of anemia and hemorrhage on output, 117\*

effect of short anoxemia on out-put, 118\*

intraventricular pressure curve. 118\*

ventricular conduction change, 119\* Heart rate, adjustment of during pro-

longed standing, 117\*
influence of physical training, 120\* paroxysmal acceleration, 230

Heart strain, aspects of, 546

Heart valves, blood vessels in, 433 Heinbecker, Peter, 122\* Heitz, J., Letulle, M., and Labbe, M.,

Hiller, Robert I., and Graef, I., 271 Hitchcock, Charles H., and Swift, H.

F., 621\*
Derick, C. L., and Swift, H. F., 621\*
Hochrein, M., and Morawitz, P., 502\* House, S. John, and Goodpasture, E.

W., 682 Howard, C. P., 743\*

Howard, Tasker, Eckerson, Lowell B., and Roberts, G. H., 748\*

Hyman, Albert S., 244\*, 733 Hypertension, heart in, 741\* arterial, transient in meningococcus meningitis, 378\* Hyperthyroidism and angina pectoris,

672

Hypertrophy of heart, determination of, by roentgen ray methods, 740\* Hypertension, postural, 105 with syncope, 498

Ince, Phoebe, Hay, J., and Jones, H. W., 372\* Ionescu, D., 747\* and Enachescu, M., 747\* Teitel-Bernard, A., Iliescu, C., and Enachescu, M., 747\*

Johnson, Scott, and Siebert, W. J., 279 Johnston, B. S., and Edmunds, C. W., 502\*

Jones, H. Wallace, Hay, J., and Ince, Phoebe, 372\*

Jones, T. Duckett, and White, P. D., 302

Kahn, Morris H., and Kahn, S., 546 Kahn, Samuel, and Kahn, M. H., 546 Katz, Louis H., Ralli, Elaine P., and Cheer, Sheo-Han, 739\*

and Weinman, S. F., 121\* Katz, Louis M., and Wiggers, Carl J., 117\*

Kenway, Florence L., and Reid, W. D., 497\*

Killins, Wendell A., and Willius, F. A., 245\*

King, John T., 505 Kininmonth, J. G., 504\*

Kohan, B. A., and Bunin, C. F., 746\* Kugel, M. A., 260

Ritter, S. A., and Gross, L., 433 Kurtz, Chester W., Sprague, Howard B., and White, Paul D., 79

# L

Labbe, Marcel, Letulle, M., and Heitz, J., 377\* Lambert, R. K., and Rosenthal, A. H., 114\* Langley, Robert W., 368 Leinbach, R. F., and White, P. D., Leriche, René, and Fontaine, R., 126,

649 Letulle, Maurice, Labbe, M., and Keitz, J., 377\*

Lev, Morris W., and Hamburger, Walter W., 672

Levin, Louis, 495 Levine, Samuel A., 177, 743\* Levine, Samuel A., and Stevens, W. B., 253 Levy, Robert L., and Mackie, T. T., 124\* and Golden, R., 503\* Lukin, N., and Frey, D., 378\*

## M

Mackie, Thomas T., 31 and Levy, R. L., 124\* Mahaim, Ivan, 379\* Master, Arthur M., 472 Maynard, E. P., 622\*

Medlar, E. M., and Middleton, W. S., 346

Meek, Walter J., and Wilson, J. A.,

Meningitis, meningococcus, transient arterial hypertension, 378\*

Meningococcus, cause of vegetative endocarditis, 497\* Meyer, Jacob, and Mullen, T. F., 356

Meyer, Jacob, and Strauss, S., 328
Michailoff, K. F., and Solitermann, M.
L., 118\*
Middleton, William S., and Medlar, E.
M., 346

and Eyster, J. A. E., 375\*

Morawitz, P., and Hochrein, M., 502\* Moritz, F., 502\* Morris, Laird M., 219 Mudd, Seeley G., and White, Paul D.,

Mullen, T. F., and Meyer, J., 356 Murmurs of heart, assessment of, 744\* clinical significance, 499\*

Myers, Merrill M., and Peck, J. H., 287 Myocarditis, chronic, without cardiae insufficiency, 430

Myxedema, heart in, 14 Me

McMillan, Thomas A., and Borman, M. C., 208 McSweeney, C. S., 744\*

# N

Nemet, G., and Boas, E. P., 360 Nerves, extracardiac, an experimental study of, 691, 697

investigation in mammalians and men on heart nerves coming from thoracic part of the patheticus below the stellate ganglion, 747\*

of heart on the functions of the sympathetic thoracic, 747\*

sensory, experimental contribution to knowledge of sensory cardioaortie traet, 747\* Nichols, B. H., 503\*

Orr, James, 744\* Otto, Harold L., 691, 697 Ouabain, effects of, on the heart in presence of hypercalcemia, 45

Owen, Trevor, and Clarke-Kennedy, A. E., 115\*

# P

Palmer, Robert S., and White, P. D.,

Pappenheimer, A. M., and Von Glahn, W. C., 500\* Pardee, Harold E. B., 628\*

Parkinson, John and Bedford, D. Evan, 372\*

Peck, John H., and Meyers, M. M., 287

Pericarditis, influenzal, 244\*

Pericardium, effect of, on cardiac distention, 112\*

effusion of, encapsulated, 498\* malignant condition of, 744\* Pneumonia, digitalis in, 246\*

displacement of heart in children, 376\*

Pneumothorax, changes in electrocardio-gram when the heart has been rotated, 472

Preston, Marjorie, and Schmitz, Herbert M., 114\* Pulse, resonator, 360

Quinidine, in coronary thrombosis, 253 complicated by ventricular tachycardia, sulphate treatment of auricular fibrillation, 622\*

# R

Radium, destruction of sinoauricular

node, 208
Ralli, Elaine P., Katz, Louis H., and
Cheer, Sheo-Han, 739\*
Reid, William D., and Kenway, F. L.,

4971

Respiration, influence of physical training, 120\*

Rheumatic fever, bacterial allergy to, 621\*

nonhemolytic streptococci, cardiac pain in, 621\* effects of tonsillectomy, 619\*

epidemiology of, 123\* heart block, after digitalis, 196 prognosis and treatment of, 31 studies in pathology of, 500\* value of electrocardiogram, 497\*

Rheumatism, acute in childhood, 744\* detection and supervision of in children, 504\* epidemic at a cardiae camp, 277

Rhoades, C. P., 497\* Rhythm, gallop, clinical significance of, 742\*

Rhythm, reciprocal, 619\*

Richard, Dickinson W., Jr., and Strauss, Marjorie L., 739\*

Ring, Gordon C., Schneider, E. C., and Clarke, R. W., 120\* Ritter, Samuel A., Gross, L., and Kugel,

M. A., 433 Roberts, G. H., Eckerson, Lowell B., and Howard, Tasker, 748\* Robey, William H., 619\*

Roentgen ray, determination of cardiac hypertrophy by, 740\* effect on rheumatic carditis, heart lesions produced by, 124\*

study of aorta, 503\* Rogers, Floyd L., Covey, G. W., and

Crook, R., 622\* rger, H., and Hamilton, 113\* and Crawford, Rosenberger,

Rosenthal, A. H., and Lambert, R. K., 114\*
Rozkowski, C. L., 243\*

Sailer, Joseph, 447 Sale, P. J., and Campbell, J. M. A., 115

Saphir, O., and Scott, R. W., 374\*

and Cooper, G. W., 375\* Schlesmeyer, Bernard, 745\*

Schmitz, Herbert M., and Preston, Marjorie, 114\*

Schneider, Edward C., Clarke, R. W., and Ring, G. C., 120\*

Scott, R. W., and Saphir, O., 374\* Seegal, David, and Seegal, Beatrice C., 123\*

Beatrice C., and Seegal, D., Seegal, 123\*

Serum disease (See Anaphylaxis and Allergy)

Siebert, Walter J., and Johnson, S., 279

Siegel, Mortimer L., and Feil, H., 498 Simon, Saling, and Baum, Felix, 499\* Sino-auricular node, destruction of, by radon, 208

F. Janney, Hartman, F. W., Bolliger, A., Doub, F. P., Smith. 124

Smith, Fred M., 112\*

Smith, G. G., 245\* Smith, W. Carter, 723 Solitermann, M. L., and Michailoff, K. F., 118\*

Spleen, pulsating in aortic insufficiency, 447

Stecher, Robert M., 567

Stevens, W. B., and Levine, S. A., 253

Stewart, Harold J., Crawford, J. H., and Gilchrist, A. R., 619\*

Stone, C. T., and Vanzant, F. R., 373\* Marjorie L., and Richard, Dickinson W. Jr., 739\* Strauss, Strauss, Sidney, and Meyer, J., 328

Strickland-Goodall, M. B., 243\* Swift, Homer F., 629 and Hitchcock, C. H., 621\* Derick, C. L., and Hitchcock, C. H. L., 621,\* 741\* Syphilis of the heart, 746\*

Tachycardia, paroxysmal in a boy, 368 paroxysmal ventricular recognition, 177 supraventricular, 319 ventricular, quinidine in coronary thrombosis complicated by, 253 ventricular, showing bidirectional electrocardiograms, associated with digitalis therapy, 723 ventricular, paroxysmal rhythmic alteration in direction of com-

plexes, 454
Taylor, Ruth E., 244\*
Thoroughman, J. C., and Davison, Hal.
M., 746\*

Thrombosis, coronary, quinidine in, 253 coronary, of right and left vessel, differential diagnosis, 746\* coronary, thoracic pain persisting

after, 748\* Thrombus, ball in left auricle, 622\* Thrombus in heart, 107
Todd, A. T., Clarke, R. D., Coombs,
C. F., and Hadfield, G., 372\*

Tonsillectomy, effect of, on rheumatic fever, 619\*

Tuberculosis, pulmonary, electrocardiographic studies, 499\*

Vanzant, Francis R., and Stone, C. T., 373\*

Venous pressure, in cardiac decompensation, 125\*

Venous pressure, as a guide to venesection in congestive heart failure, 375\*

Viko, L. E., 107

Vocational training, in cardiac classes, 91

Vomiting, reflex from heart, 123\* Von Glahn, William C., and Pappenheimer, A. M., 500\*

## W

Weinman, S. F., and Katz, Louis N., 121\*

Weiss, Soma, and Blumgart, Herrmann L., 111\*

Weiss, Soma, and Hatcher, R. A., 123\*

Wenckebach, K. F., and Winterberg, Heh., 627\*
White, Paul D., 499\*, 742\*

White, Paul D., and Killins, Wendell A., 245\*

and Leinbach, R. F., 422 and Burrage, W. S., 246 and Jones, T. Duckett, 190 and Mudd, Seeley G., 1

and Palmer, R. S., 454

and Sprague, Howard B., and Kurtz,

C. W., 77 Wiggers, Carl J., 118\*, 119\* Wiggers, Carl J., and Katz, Louis N.,

117\*

Willius, Frederick A., 139, 230, 742\* Wilson, J. A., and Meek, Walter J., 112\*

Winterberg, Hch., and Wenckebach, K. F., 627\* Wolferth, Charles C., 499\*, 706

